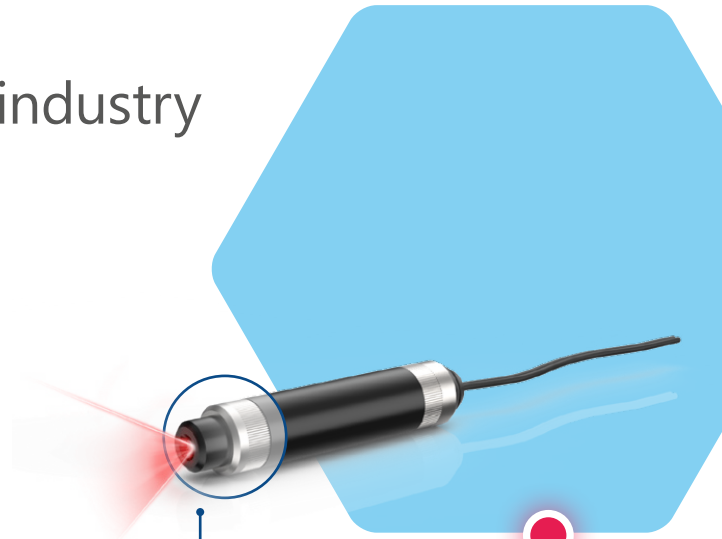


# ZT

## Laser module for the textile industry

The laser modules of the ZT series have been developed especially for the textile industry but are often used for leather cutting or similar applications, too. The adjustable intensity means that the lasers can be matched to a wide range of fabric colors. This allows to achieve the best possible visibility while ensuring that the activity is easy on the eyes.



Wavelength: 635 nm - 645 nm

INFORMATION: (AUGUST 2021)

The front silver lock nut of the optical head will be fixed and glued. Therefore optics can't be changed anymore.



Easy installation



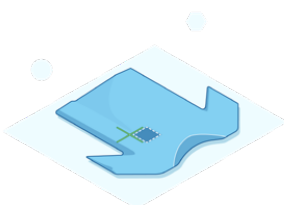
Output power up to 5 mW



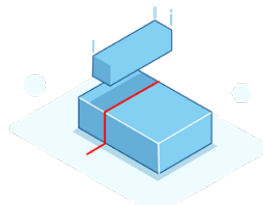
IP 40

## Highlights

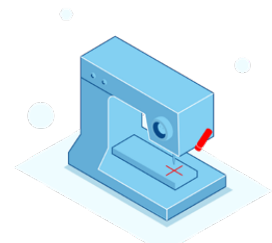
- Universally deployable red laser
- Adjustable intensity
- Wavelength 635 nm - 645 nm (red)
- Selected optics (dot, line, line-dot, small and large cross)
- Optical power output of 1 to 5 mW



Embroidery Applications



High-Precision Positioning Tasks



Sewing Machine

### Order Code

Z??	T	6??	?
Output Power	Product family	Wavelength	Optic

### Systemspezifikationen

Wavelength	nm	635 - 645
Output power	mW	1 - 5
Laser operation mode		APC with current limiting, adjustable intensity control

### Electrical specifications

Operating voltage		3,5 to 5,5 VDC
Protection		Reverse polarity protection
Electrical isolation		Potential-free housing
Connection		2m cable with Texas connector Optionally: Cable up to 2m with open leads

### Optical specifications

Line		Line gaussian 90°, line gaussian 90° with dot
Dot		elliptical
DOE		Crosses 5°, 30°, 60°
Focusable		No

### Environmental conditions

Operating temperature	°C	-10 °C bis +40 °C
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### Mechanische Spezifikationen

Length	mm	69
Diameter head Ø	mm	14
Material		Messing, black chrome
Protection class		IP40